

### AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A carbon dioxide external administration device comprising:

a sealing enclosure member capable of sealing a body surface from outside air;

the sealing enclosure member being capable of holding carbon dioxide gas within a sealed inside space;

a supply means for supplying carbon dioxide gas into an inside space of the sealing enclosure member; and

an absorption aid that is provided in the inside space of the sealing enclosure member, containing a carbon dioxide-dissolving medium ~~which comprises calcium alginate hydrogel~~ for dissolving carbon dioxide gas, and dissolves carbon dioxide gas to assist transdermal or transmucosal absorption of the carbon dioxide;

wherein the absorption aid contains at least one carbon dioxide-dissolving medium selected from the group consisting of ~~(a) alcohols having a high vaporization temperature, (b) oils and fats, and (c) waxes~~ (a) 1,3-butylene glycol; (b) jojoba oil; (c) a viscous material containing sodium alginate or propylene glycol alginate, sodium carboxymethyl cellulose, and sodium dihydrogen phosphate; (d) olive oil; (e) avocado butter; (f) a viscous material containing sodium hyaluronate and malic acid; and (g) a viscous material containing carrageenan and pectin.

2. (Previously Presented) The carbon dioxide external administration device according to claim 1, characterized by having a carbon dioxide amount indicator that expands upon carbon dioxide being supplied into the sealing enclosure member, and contracts by a decrease of carbon

dioxide, wherein the carbon dioxide amount indicator is provided separately from the sealing enclosure member.

3. (Cancelled)

4. (Previously Presented) The carbon dioxide external administration device according to claim 1, characterized in that the carbon dioxide absorption aid is a sheet product.

5. (Cancelled)

6. (Previously Presented) The carbon dioxide external administration device according to claim 1, characterized in that the sealing enclosure member is made from any one of the following materials (1) – (3)

- (1) a non-elastic and hard material,
- (2) a flexible material having a shape holding ability, and
- (3) an elastic and flexible material.

7. – 12. (Cancelled)